



Product Information

YM 298198 hydrochloride

Cat. No.: X23-12-YM1479

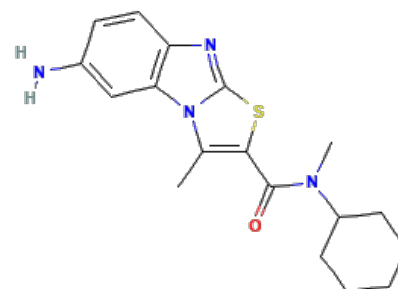
Size: 1 mg; 5 mg; 10 mg; 50 mg

CAS Number: 748758-45-4

Compound CID: 9819432

Synonym: 748758-45-4; YM-298198

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	YM 298198 Hydrochloride inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	378.92
Molecular Formula	C ₁₈ H ₂₃ ClN ₄ OS
IUPAC Name	7-Amino-N-cyclohexyl-N,1-dimethyl-[1,3]thiazolo[3,2-a]benzimidazole-2-carboxamide
InChI	InChI=1S/C18H22N4OS/c1-11-16(17(23)21(2)13-6-4-3-5-7-13)24-18-20-14-9-8-12(19)10-15(14)22(11)18/h8-10,13H,3-7,19H2,1-2H3
InChI Key	KCBXOMYXOBVLED-UHFFFAOYSA-N
Canonical SMILES	CC1=C(SC2=NC3=C(N12)C=C(C=C3)N)C(=O)N(C)C4CCCCC4
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	YM 298198 hydrochloride can be studied for its effect on cytokine production, immune cell activation, or inflammatory signaling pathways.
Storage	Store at -20°C, and keep desiccated.